



TROPICAL CYCLONE BULLETIN NO. 2
Super Typhoon BETTY (MAWAR)

Issued at 11:00 AM, 27 May 2023

Valid for broadcast until the next advisory at 5:00 PM today.

"BETTY" MAINTAINS ITS STRENGTH WHILE MOVING WEST NORTHWESTWARD"						
Location of Center (10:00 AM)						
The center of the eye of Super Typhoon BETTY was estimated based on all available data at 1,170 km East of Central Luzon (16.4°N, 133.1°E)						
Intensity						
Maximum sustained winds of 195 km/h near the center, gustiness of up to 240 km/h , and central pressure of 915 hPa						
Present Movement						
West northwestward at 30 km/h						
Extent of Tropical Cyclone Winds						
Strong to typhoon-force winds extend outwards up to 600 km from the center						
TRACK AND INTENSITY FORECAST						
Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 27 May 2023	16.9	130.8	930 km East of Central Luzon	195	STY	WNW 25
24-Hour Forecast 8:00 AM 28 May 2023	17.4	128.7	735 km East of Tuguegarao City, Cagayan	195	STY	WNW 20
36-Hour Forecast 8:00 PM 28 May 2023	18.4	126.9	555 km East of Aparri, Cagayan	195	STY	WNW 20
48-Hour Forecast 8:00 AM 29 May 2023	19.4	125.7	445 km East of Calayan, Cagayan	185	STY	NW 15
60-Hour Forecast 8:00 PM 29 May 2023	20.3	124.7	285 km East of Basco, Batanes	175	TY	NW 10
72-Hour Forecast 8:00 AM 30 May 2023	21.0	124.3	250 km East Northeast of Basco, Batanes	165	TY	NNW Slowly
96-Hour Forecast 8:00 AM 31 May 2023	22.1	124.5	310 km East Northeast of Itbayat, Batanes	140	TY	N Slowly
120-Hour Forecast 8:00 AM 01 June 2023	23.5	125.8	510 km Northeast of Itbayat, Batanes	130	TY	NE 10

Prepared by: **JEMB**

Checked by: **SFD**



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	The eastern portion of Cagayan (Santa Ana, Gonzaga, Lal-Lo, Gattaran, Baggao, Peñablanca, Santa Teresita, Buguey) including Babuyan and Camiguin Islands and the eastern portion of Isabela (Maconacon, Divilacan, Dinapigue, Palanan, San Mariano, Ilagan City, Tumauini, San Pablo, Cabagan)	-	-
	Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS
<p><u>Heavy Rainfall Outlook</u></p> <p>Forecast accumulated rainfall from Monday morning to Tuesday morning</p> <ul style="list-style-type: none"> 50-100 mm: Batanes, Babuyan Islands, and the northern portions of mainland Cagayan, Ilocos Norte, and Apayao. <p>Forecast accumulated rainfall from Tuesday morning to Wednesday morning</p> <ul style="list-style-type: none"> Greater than 200 mm: Batanes 100-200 mm: Babuyan Islands, Ilocos Norte, Ilocos Sur, and La Union 50-100 mm: Cordillera Administrative Region and the northern portion of mainland Cagayan. <p>Forecast rainfall are generally higher in elevated or mountainous areas.</p> <p>In areas that will not be directly affected by the super typhoon, monsoon rains from the enhanced Southwest Monsoon are possible over the western sections of MIMAROPA, Visayas, and Mindanao tomorrow. On Monday and Tuesday, monsoon rains are likely over the western sections of MIMAROPA and Western Visayas, and possible over the rest of MIMAROPA and Western Visayas.</p> <p>Under these conditions, flooding and rain-induced landslides are likely, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.</p> <p><u>Severe Winds</u></p> <ul style="list-style-type: none"> Strong winds (strong breeze to near gale strength) will be experienced within the areas where Tropical Cyclone Wind Signal No.1 is currently in effect. The enhanced Southwest Monsoon may bring strong breeze to near gale conditions with intermittent gusts beginning on tomorrow evening or early Monday over Visayas, the eastern portions of Central and Southern Luzon, and the northern and eastern portions of Mindanao.
HAZARDS AFFECTING COASTAL WATERS
<ul style="list-style-type: none"> In the next 24 hours, the eastern seaboard of Luzon and Visayas will experience moderate to rough (1.5 to 3.5 m) seas, which may become rough to very rough (2.5 to 5.0 m). The northern seaboard of Luzon may also experience moderate to rough seas (1.5 to 3.0 m) this morning through afternoon and rough seas (2.5 to 4.0 m) beginning tonight. Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions. A marine gale warning may be issued within the day in anticipation of these conditions.

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TRACK AND INTENSITY OUTLOOK

- Over the weekend, Super Typhoon BETTY is forecast to track generally west northwestward. On Monday, the tropical cyclone will turn northwestward and decelerate as it moves over the waters east of Extreme Northern Luzon. BETTY may eventually become almost stationary between late Tuesday and early Wednesday when it will be closest to Batanes (i.e., within 250-300 km).
- BETTY is forecast to remain as a super typhoon over the weekend. Although it will likely maintain its strength for the next 36-48 hours, short-term intensification is not ruled out especially in the next 12 to 24 hours. However, this tropical cyclone may begin weakening considerably on Monday or Tuesday during its slowdown period over the waters east of Batanes due to potential unfavorable conditions (e.g., effect of upwelling of cooler ocean water and dry air intrusion).

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA

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